

10/517663

DT12 Rec'd PCT/PTO 13 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Shizuo AKIRA

Int'l Application No.: PCT/JP02/12908

Int'l Filing Date: December 10, 2002

Appl. No.: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Filed: December 13, 2004

Atty. Docket No.: 31671-211618

For: MODEL ANIMALS NON-
RESPONSIVE TO
MYCOBACTERIA-ORIGIN
LIPOPROTEIN/LIPOPEPTIDE

Customer No.

26694

PATENT TRADEMARK OFFICE

Information Disclosure Statement

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97
within the time specified under 37 C.F.R. § 1.97(b).

In order to comply the duty of disclosure pursuant to 37 C.F.R. § 1.56, submitted
herewith is a form PTO/SB/08A listing the documents cited in the International Search report
of International Application No. PCT/JP02/12908. The relevance of each document is
indicated in the attached International Search Report.

Copies of the documents are not being provided since copies are furnished directly by
WIPO under an exchange program between the PTO, the EPO and the JPO.

10/517663

JP Rec'd PCT/PTO 13 DEC 2004

Applicant(s): Shizuo AKIRA et al.

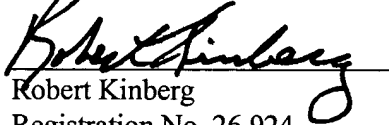
Atty. Docket No.: 31671-211618

If the copies were not furnished and a copy of a cited document is desired, please inform the undersigned and a copy of the missing document will be supplied.

In view of the above, no further statement of relevance need be given, and as all requirements of 37 C.F.R. § 1.97 and § 1.98, and all official guidelines pertaining to Information Disclosure Statements have been complied with, it is respectfully requested that the Examiner consider the cited publications and make them of record.

Date: 12/13/04

Respectfully submitted,


Robert Kinberg

Registration No. 26,924

VENABLE LLP

P.O. Box 34385

Washington, D.C. 20043-9998

Telephone: (202) 344-4000

Telefax: (202) 344-8300

RK/cdw
604317

10/517663

DT Rec'd PCT/PTO 13 DEC 2004

Please type a plus sign (+) inside this box ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	Not Yet Assigned
Filing Date	December 13, 2004
First Named Inventor	Shizuo AKIRA
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	31671-211618

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₈
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1	JP	2002-45086	A		02-12-2002		Abstr.

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A2	Osamu TAKEUCHI et al., "CUTTING EDGE: ROLE OF TOLL-LIKE RECEPTOR 1 IN MEDIATING IMMUNE RESPONSE TO MICROBIAL LIPOPROTEINS", The Journal of Immunology, July 1, 2002, Pages 10-14, Vol. 169, No. 1.	
	A3	Lena ALEXOPOULOU et al., HYPORESPONSIVENESS TO VACCINATION WITH BORRELIA BURGDORFERI OSPA IN HUMANS AND IN TLR1- AND TLR2-DEFICIENT MICE", Nature Medicine, August 2002, pages 878-884, Vol. 8, No. 8.	
	A4	Osamu TAKEUCHI, "TOLL-LIKE RECEPTOR KNOCKOUT MOUSE", Cell Technology, April 22, 2000, Pages 767-774, Vol. 19, No. 5.	
	A5	Adeline M. HAJJAR et al., CUTTING EDGE: FUNCTIONAL INTERACTIONS BETWEEN TOLL-LIKE RECEPTOR (TLR) 2 AND TLR1 OR TLR6 IN RESPONSE TO PHENOL-SOLUBLE MODULIN", The Journal of Immunology, January 1, 2001, Pages 15-19, Vol. 166, No. 1.	
	A6	Osamu TAKEUCHI et al., "DAI 31 KAI JAPANESE SOCIETY FOR IMMUNOLOGY SOKAI GAKUJUTSU SHUKAI (ENDAI BANGO: 3-B-W17-11-0/P)", Osaka Kokusai Kaigijo, December 13, 2001.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. RK/cdw-604353

VENABLE
ATTORNEYS AT LAW